This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:	
☐ BLACK BORDERS	
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES	
☐ FADED TEXT OR DRAWING	
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING	
SKEWED/SLANTED IMAGES	
COLOR OR BLACK AND WHITE PHOTOGRAPHS	
GRAY SCALE DOCUMENTS	
☐ LINES OR MARKS ON ORIGINAL DOCUMENT	
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY	
OTHER.	

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

ATTORNEY DOCKET NO. 04159.0001U3 APPLICATION NO. 09/702,094 CONFIRMATION NO.: 7881

GROUP: 2157

Page 1 of 1

Modified Form PTO-1449 U.S. DEPARTMENT OF COMMERC PATENT AND TRADEMARK OFFIC

LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)

ATTORNEY DOCKET NO.: 04159.0001U3	APPLICATION NO. 09/702,094
1	*
APPLICANT: Friedman et al.	

U.S. PATENT DOCUMENTS

FILING DATE: October 30, 2000

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AG	Al	6,130,890	10/10/00	Leinwand et al.			
AZ	A2	6,035,332	03/07/00	Ingrassia, Jr. et al.			
A 6	A3	6,012,088	01/04/00	Li et al.			
A6	A4	5,948,061	09/07/99	Merriman et al.		- *	
AG.	A5	5,878,126	03/02/99	Velamuri et al.			
A 6	A6	5,490,252	02/06/96	Macera et al.			
A6	A7	5,488,608	01/30/96	Flammer, III			·
A G	A8	5,115,433	05/19/92	Baran et al.			-
A6	А9	5,042,032	08/20/91	Dighe et al.			
AG.	A10	4,939,726	07/03/90	Flammer et al.	- 7		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	,	DOCUMENT NO.	DATE	NAME & COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
46	All	WO 99/34305	07/08/99	PCT			
	*	,					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

·AG	A12	"Nicname/Whois", Internet Engineering Task Force, Request for Comments 954			
AG	A13	"A Primer on Internet and TCT/IP Tools and Utilities", Internet Engineering Task Force, Request for Comments 2151			
AG	A14	omain Name System Security Extensions", Internet Engineering Task Force, Request for Comments 2535			
AG	A15	*Content Delivery Services: Footprint Streaming Solutions", Brochure from Digital Island			
AG-	A16	"TraceWire White Paper", Brochure from Digital Island, June 1999			
AG	A17	'We Know Where You Live", Scott Woolley, Forbes Magazine, November 13, 2000			
EXAMINER:	ani	Mall DATE CONSIDERED: 9/3/04			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 09/702,094 Filing Date October 30, 2000 First Named Inventor Friedman Art Unit 2157 Examiner Name-Avi Gold Attorney Docket Number 39518/248882

			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages. Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)		·	
A6		5,291,550	3/1994	Levy et al.	
		5,418,731	5/1995	Allen	RECEIVE
AG.		5,421,024	5/1995	Faulk, Jr. et al.	MAR 2. 4 2004
A6		5,493,689	2/1996	Wacławsky et al.	Technology Center 2
A6		5,636,276	6/1997	Brugger	1 Connowy Conton 2
A 6	*	5,659,596	8/1997	Dunn	
AG.		5,734,651	3/1998	Blakeley et al.	
A 6-		5,734,823	3/1998	Saigh et al.	
A6		5,734,891	3/1998	Saigh	
A6		5,777,989	7/1998	McGarvey	*
A6-		5,794,217	8/1998	Allen	
A 6-		5,870,561	2/1999	Jarvis et al.	
A 6.		5,930,474	7/1999	Dunworth et al.	
AG		5,937,163	8/1999	Lee et al.	
AG.		5,944,790	8/1999	Levy	
AG.		5,978,845	11/1999	Reisacher	
AG		6,009,081	12/1999	Wheeler et al.	

·				
Examiner Signature	an Gold	Date Considered	9/3/04	
- 3			l	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw fine through citation If not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gog or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language

Transation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including galhering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AG

MAR 2 2 2004 Subs

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	17		
A6		6,012,052	1/2000	Altschuler et al.	,
A6		6,012,090	1/2000	Chung et al.	RECEIVE
AG		6,014,634	1/2000	Scroggie et al.	NEOLIVEI
AG		6,091,959	7/2000	Souissi et al.	MAR 2 4 2004
A6-		6,167,259	12/2000	Shah	Technology Center 2
A6-		6,192,312	2/2001	Hummelsheim	
Ab		6,243,746	6/2001	Sondur et al.	
AG		6,249,252	6/2001	Dupray	
AG.	ļ	6,259,701	7/2001	Shur et al.	
AG		6,272,343	8/2001	Pon et al.	
AG	}	6,356,929	3/2002	Gall et al.	
AG.		6,442,565	8/2002	Tyra et al.	
16		6,477,150	11/2002	Maggenti et al.	
AG		6,542,739	4/2003	Garner	

	The state of the s	
Examiner Signature	ar Hold	Date Considered 9/3/64

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.ggv or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BY BADE

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0851-0031 U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE Application Number 09/702,094

STATEMENT BY APPLICANT Filing Date October 30, 2000 First Named Inventor Friedman Art Unit 2157

(Use as many sheets as necessary) Examiner Name Avi Gold

Sheet Attorney Docket Number 39518/248882

		FOREIGN	PATENT DOCUM	ENTS]
Examiner Initials	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Palentee or Applicant of Cited Document	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear	Т ⁶	
	<u></u>	Country Code ² - Number ⁴ - Kind Code ⁶ (if k.nown)					
AG.		WO 96/13108	05/1996				
A6-		WO 99/34305	07/1999				*
		AU 5456	2/2000	[Printed copy	not available	连 \	/ED
A6		WO 00/22495	4/2000	-	MA	2.4.2	nn4
AG		WO 01/57696A1	08/2001		*		
A6		WO 02/17139A1	02/2002	-	Technol	i gy Cer	iter 2100
		-					

Examiner Signature	an Gold	Date Considered	9/3/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional), *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-fetter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTQ/SB/08b(08-03) Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 09/702,094 Filing Date October 30, 200 First Named Inventor Friedman Art Unit 2157 Technology Center 2100 Examiner Name Avi Gold

(Use as many sheets as necessary)

Sheet

Attorney Docket Number 39518/248882

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate) title of the item (book magazine journal serial symposium catalog etc.) date page(s) volume-issue number(s) publisher city and/or country where published.	Т2				
A6		TOMASZ IMIELINSKI and JULIO C. NAVAS; "Geographic Addressing, Routing, and Resource Discovery with the Global Positioning System"; Computer Science Dept. Rutgers, The State University, Piscataway, NJ 08855, Oct. 19, 1996; pp. 1-10.					
A6		KESSLER & SHEPARD; "A Primer on Internet and TCP/IP Tools and Utilities"; Network Working Group; Request for Comments: 2151; FYI: 30; Obsoletes: RFC 1739; Category: Informational; Http://www.ietff.org/rfc/rfc2151.txt; June 1997; (pp. 1-46).					
A6	,	"Subnet Masking Definition", www.exabyte.net/lambert/subnet/subnet_masking_definition.htm, JOHN LAMBERT, 1999.					
A6	*	MATHEW A. DEBELLIS; "Digital Envoy Greets \$1.1 Million"; VC & Startups; http://www.redherring.com/vc/2000/0229/vc-digitalenvoy022900.html; Feb. 29, 2000; (3 pages).					
A6		KEVIN S. MCCURLEY, "Geospacial Mapping and Navigation of the Web"; IBM Almaden Research Center; San Jose, CA 95120; May 1-5, 2001; pp. 221-229.					
AG		ORKUT BUYUKKOKTEN, "Exploiting Geographical Location Information of Web Pages" Department of Computer Science, Stanford University, Stanford, CA 94305; pp. 1-6.					
A6		NARUSHIGE SHIODE, "Analyzing the Geography of Internet Address Space" http://geog.ucl.uk/casa/martine/internetspace; pp. 1-3; (date unknown).					

Examiner Signature	an Hold	Date 9/3/04	
3,	0.0		

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation track the second process and the second process and applicant.

'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete including gathering preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer U.S. Patent and Trademark Office U.S. Department of Commerce P.O. Box 1450 Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450.

PTO/SB/08b(08-03)

Approved for use through 07/31/2006; OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO Application Number 09/702,094 INFORMATION DISCLOSURE Filing Date October 30, 2000 STATEMENT BY APPLICANT First Named Inventor Friedman Art Unit 2157 (Use as many sheets as necessary) Examiner Name Avi Gold Attorney Docket Number 39518/248882 Sheet

*		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate) title of the item (book magazine journal serial symposium catalog etc.) date page(s) volume-issue number(s) publisher city and/or country where published.				
A6		"Subnet Addressing", <i>Network Computing</i> , by RON COONEY, www.networkcomputing.com/unixworld, tutorial/001.html, (no date given).				
ō.		RECE	VE			
		MAR 2 4	2004			
		Technology C	enter			

Examiner Signature W7 Hold	Date Considered	9/3/04	

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

EAAMINEK: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete including gathering preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer U.S. Patent and Trademark Office U.S. Department of Commerce P.O. Box 1450 Alexandria VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450.